

LRO predictions

C. Clarke, R. Ricklefs, J. McGarry

With the help of Dave Rowlands (GSFC) and the LOLA Science Team, we have begun the checkout of the LRO predictions. These predictions are being generated in the ILRS CPF format by the Flight Dynamics Facility (FDF) at NASA's Goddard Space Flight Center. We use Dave Rowland's predictions (referenced to the solar system barycenter), processed through the ILRS CPF lunar prediction code, as the truth, and compare that to the FDF generated predictions (referenced to the earth's center), processed through the ILRS SLR CPF code as any earth-orbiting satellite would be. Preliminary results will be shown.